



Sheet 1 of 11

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 5062	SERIAL NO. 08/958,088
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT John S. HENDRICKS et al.	
		FILING DATE 27 October 1997	GROUP 2602

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	AA	5 3 5 7 2 7 6	10/18/94	Banker et al.			
	AB	4 7 1 2 1 0 5	12/8/87	Kohler			
	AC	5 2 5 3 0 6 6	10/12/93	Vogel			
	AD	5 1 3 0 7 9 2	7/14/92	Tindell et al.			
	AE	5 1 5 2 0 1 1	9/29/92	Schwob			
	AF	4 9 9 6 5 9 7	2/26/91	Duffield			
	AG	5 3 4 1 1 6 6	8/23/94	Garr et al.			
	AH	4 7 0 6 1 2 1	11/10/87	Young			
	AI	4 9 2 8 1 6 8	5/22/90	Iwashita			
	AJ	5 1 4 4 6 6 3	9/1/92	Kudelski et al.			
	AK	5 1 0 5 2 6 8	4/14/92	Yamanouchi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Q	AL	3 1 1 4 3 7 5	5/15/91	Japan				
	AM	3 9 3 5 2 9 4	4/25/91	Germany				
	AN	4 2 0 1 2 3	4/3/91	EPO				
	AO	6 2 2 4 7 7 7	2/2/87	Japan				
	AP	1 1 3 0 6 8 3	5/23/89	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	AQ	Reimer, "Memories in my Pocket", February 1991.
Q	AR	Olshansky et al., "Subscriber Distribution Networks Using Compressed Digital Video", November 1992.
Q	AS	Dinaro, et al., "Markets and Products Overview", 1991.

EXAMINER <i>Chris Lee</i>	DATE CONSIDERED 2/7/02
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		5062	08/958,088
		APPLICANT John S. HENDRICKS et al.	
		FILING DATE	GROUP
(Use several sheets if necessary)		27 October 1997	2602

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>C</i>	BA	4 9 4 7 4 2 9	8/7/90	Bestler et al.			
	BB	5 0 9 3 7 1 8	3/3/92	Hoarty et al.			
	BC	5 0 4 6 0 9 3	9/3/91	Wachob			
	BD	5 0 2 0 1 2 9	5/28/91	Martin et al.			
	BE	4 7 9 2 9 7 2	12/20/88	Cook, Jr.			
	BF	5 0 7 7 6 0 7	12/31/91	Johnson et al.			
	BG	4 9 7 5 9 5 1	12/4/90	Bennett			
	BH	4 8 6 0 3 7 9	8/22/89	Schoeneberger et al.			
	BI	4 4 8 4 2 1 7	11/20/84	Block et al.			
	BJ	5 0 9 1 7 8 2	2/25/92	Krause et al.			
<i>✓</i>	BK	5 0 5 7 9 1 7	10/15/91	Shalkauser et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>C</i>	BL	9 2 1 7 0 2 7	10/1/92	PCT				
	BM	9 1 0 0 6 7 0	1/10/91	PCT				
	BN	4 2 4 6 4 8	5/2/91	EPO				
	BO	5 0 6 4 3 5	9/30/92	EPO				
<i>✓</i>	BP	4 0 2 8 0 9	12/19/90	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>C</i>	BQ	Advertisement, "Hong Kong Enterprise", November 1988
<i>C</i>	BR	Advertisement, "Great Presentations", 1987
<i>C</i>	BS	Advertisement, "Consumer Dist.", Fall/Winter 1992

EXAMINER <i>Chris Cook</i>	DATE CONSIDERED <i>2/7/02</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ch	CA	5 0 4 9 9 9 0	9/17/91	Kondo et al.			
	CB	4 8 1 6 9 0 1	3/28/89	Music et al.			
	CC	4 6 8 8 2 4 6	8/18/87	Eilers et al.			
	CD	4 9 4 9 1 8 7	8/14/90	Cohen			
	CE	4 9 9 5 0 7 8	2/19/91	Monslow et al.			
	CF	5 0 2 7 4 0 0	6/25/91	Baji et al.			
	CG	5 1 3 0 7 9 2	7/14/92	Tindell et al.			
	CH	5 1 7 2 4 1 3	12/15/92	Bradley et al.			
	CI	5 2 0 6 7 2 2	4/27/93	Kwan			
	CJ	5 2 4 7 3 4 7	9/21/93	Litteral et al.			
	CK	5 1 6 6 8 8 6	11/24/92	Molnar et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
a	CL	8 6 0 1 9 6 2	3/27/86	PCT				
	CM	8 9 0 9 5 2 8	10/5/89	PCT				
	CN	9 2 2 1 2 0 6	11/26/92	PCT				
	CO	9 0 1 0 9 8 8	9/20/90	PCT				
	CP	1 8 7 9 6 1	7/23/86	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	CQ	van den Boom, "Interactive Videotex. . .", Nov.-Dec. 1986.
Q	CR	Moloney, "Digital Compression in Todays. . .", June 6, 1993
Q	CS	Bestler, "Flexible Data Structures. . .", June 6, 1993

EXAMINER Chris Grant	DATE CONSIDERED 2/6/02
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		APPLICANT John S. HENDRICKS et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Q</i>	DA	5 2 2 3 9 2 4	6/29/93	Strubbe			
	DB	5 2 8 9 2 7 1	2/22/94	Watson			
	DC	4 9 5 9 8 1 0	9/25/90	Darbee et al.			
	DD	4 4 8 8 1 7 9	12/11/84	Kruger et al.			
	DE	4 9 7 7 4 5 5	12/11/90	Young			
	DF	5 1 5 1 7 8 9	9/29/92	Young			
	DG	D 3 0 1 0 3 7	5/9/89	Matsuda			
	DH	D 3 1 4 3 8 3	2/5/91	Hafner			
	DI	D 3 2 5 5 8 1	4/21/92	Schwartz			
	DJ	D 3 2 9 2 3 8	9/8/92	Grasso et al.			
<i>Q</i>	DK	D 3 3 1 7 6 0	12/15/92	Renk, Jr.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Q</i>	DL	1 1 4 2 9 1 8	6/5/89	Japan				
	DM	3 5 5 6 9 7	2/28/90	EPO				
	DN	4 2 5 8 3 4	5/8/91	EPO				
	DO	5 1 3 7 6 3	11/19/92	EPO				
<i>Q</i>	DP	3 1 9 8 1 1 9	8/29/91	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Q</i>	DQ	Sharpless, "Subscription Teletext for Value Added Services", August 1985.
<i>Q</i>	DR	Gelman et al., "A Store-and Forward. . .", June 21, 1991.
<i>Q</i>	DS	Hewlett Packard Company, "HP-41C Operating Manual", December 1982.

EXAMINER <i>Q. W. Green</i>	DATE CONSIDERED <i>2/6/02</i>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	EA	5 0 1 5 8 2 9	5/14/91	Eilert et al.			
	EB	5 2 0 2 8 1 7	4/13/93	Koenck et al.			
	EC	5 2 5 3 2 7 5	10/12/93	Yurt et al.			
	ED	5 2 8 3 6 3 9	2/1/94	Esch et al.			
	EE	5 3 4 5 5 9 4	9/6/94	Tsuda			
	EF	5 4 1 6 5 0 8	5/16/95	Sakuma et al.			
	EG	5 3 1 9 7 0 7	6/7/94	Wasilewski et al.			
	EH	5 4 6 9 2 0 6	11/21/95	Strubbe et al.			
	EI	5 4 8 3 2 7 8	1/9/96	Strubbe et al.			
	EJ	5 3 5 1 0 7 5	9/27/94	Herz et al.			
	EK	5 4 8 1 2 9 6	1/2/96	Cragun et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Q	EL	9 2 1 2 5 9 9	7/23/92	PCT				
	EM	2 1 6 8 2 2 7	6/11/86	Great Britain				
	EN	2 0 4 4 5 7 4	12/14/92	Canada				
	EO	5 2 5 0 1 0 6	9/28/93	Japan (Abstract)				
	EP	6 1 0 6 0 1 5	3/27/86	Japan (Abstract)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Chris Green</i>	DATE CONSIDERED <i>2/6/02</i>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Ch</i>	FA	4 9 6 1 1 0 9	10/2/90	Tanaka			
	FR	4 8 2 9 5 5 8	5/9/89	Welsh			
	FC	5 1 3 3 0 7 9	7/21/92	Ballantyne et al.			
	FD	5 3 5 5 1 6 2	10/11/94	Yazolino et al.			
	FE	5 1 8 2 6 3 9	1/26/93	Jutamulia et al.			
	FF	5 1 3 2 7 8 9	7/21/92	Ammon et al.			
	FG	4 8 7 6 7 3 6	10/24/89	Kiewit			
	FH	5 2 9 3 5 4 0	3/8/94	Trani et al.			
	FI	5 0 0 1 5 5 4	3/19/91	Johnson et al.			
	FJ	5 4 1 0 3 2 6	4/25/95	Goldsetin			
	FK	5 0 4 7 8 6 7	9/10/91	Strubbe et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Ch</i>	FL	2 4 3 3 1 2	10/28/87	EPO				
	FM	9 3 2 2 8 7 7	11/11/93	PCT				
	FN	9 2 2 1 2 0 6	11/26/92	PCT				
	FO	9 1 0 0 6 7 0	1/10/91	PCT				
	FP	9 1 0 3 1 1 2	3/7/91	PCT				

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EXAMINER <i>Ch. S. Goren</i>	DATE CONSIDERED <i>2/6/02</i>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	GA	5 3 5 3 1 2 1	10/4/94	Young et al.			
	GB	5 4 1 4 4 2 6	5/9/95	O'Donnell et al.			
	GC	5 4 0 4 3 9 3	4/4/95	Remillard			
	GD	5 2 3 7 3 1 1	8/17/93	Mailey et al.			
	GE	5 0 7 8 0 1 9	1/27/92	Aoki			
	GF	5 4 1 0 3 4 4	4/25/95	Graves et al.			
	GG	5 1 5 5 5 9 1	10/13/92	Wachob			
	GH	5 4 3 2 5 4 2	7/11/95	Thibadeau et al.			
	GI	5 0 3 6 5 3 7	7/30/91	Jeffers et al.			
	GJ	5 3 2 3 2 4 0	6/21/94	Amano et al.			
	GK	5 3 6 7 5 7 1	11/22/94	Bowen et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Q	GL	9 2 1 7 0 2 7	10/1/92	PCT				
	GM	1 2 0 4 1 9 0	9/3/70	Great Britain				
	GN	3 4 2 3 8 4 6	1/9/86	Germany				
	GO	2 3 4 2 2 3	11/11/94	Taiwan				
	GP	2 3 6 0 6 5	12/11/94	Taiwan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Chen Grant</i>	DATE CONSIDERED <i>2/6/02</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		27 October 1997	2602
(Use several sheets if necessary)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C	HA	4 3 6 1 8 4 8	11/30/82	Poignet et al.			
	HB	5 2 6 0 7 7 8	11/9/93	Kauffman et al.			
	HC	3 8 9 1 7 9 2	6/24/75	Kimura			
	HD	5 0 3 6 3 9 4	7/30/91	Morii et al.			
	HE	4 6 3 9 2 2 5	1/27/87	Washizuka			
	HF	4 8 2 9 5 6 9	5/9/89	Seth-Smith et al.			
	HG	4 6 0 5 9 6 4	8/12/86	Chard			
	HH	4 6 8 8 2 1 8	8/18/87	Bliveau et al.			
	HI	5 1 5 1 7 8 2	9/29/92	Ferraro			
	HJ	5 2 0 6 9 5 4	4/27/93	Inoue et al.			
	HK	5 3 4 3 2 3 9	8/30/94	Lappington et al.			

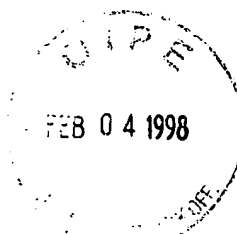
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
C	HL	2 3 5 3 5 9	12/1/94	Taiwan				
	HM	2 3 5 3 5 8	12/1/94	Taiwan				
	HN	2 3 6 7 4 4	12/21/94	Taiwan				
	HO	2 3 8 4 6 1	4/23/92	Taiwan				
	HP	1 6 7 2 3 7	1/8/86	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Chris Gann</i>	DATE CONSIDERED <i>2/6/02</i>
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C	IA	5	3	2	7	5	5	4	7/5/94	Palazzi, III et al.			
	IB	4	7	2	4	4	9	1	2/9/88	Lambert			
	IC	5	3	7	5	0	6	8	12/20/94	Palmer et al.			
	ID	5	2	1	6	5	1	5	6/1/93	Steele et al.			
	IE	5	3	3	9	3	1	5	8/16/94	Maeda et al.			
	IF	4	6	9	7	2	0	9	9/29/87	Kiewit et al.			
	IG	5	4	8	1	2	9	4	1/2/96	Thomas et al.			
	IH	5	4	7	3	3	6	2	12/5/95	Fitzgerald			
	II	5	0	9	9	3	1	9	3/24/92	Esch et al.			
	IJ	5	1	5	0	1	1	8	9/22/92	Finkle et al.			
J	IK	5	4	7	9	2	6	8	12/26/95	Young et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
C	IL	1 4 9 5 3 6	1/18/84	EPO				
	IM	1 5 8 5 4 8	10/16/85	EPO				
	IN	1 4 5 0 6 3	6/19/85	EPO				
	IO	1 0 3 4 3 8	3/21/84	EPO				
	IP	5 0 6 4 3 5	9/30/92	EPO				

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Q	JA	5 3 4 1 4 7 4	8/23/94	Gelman et al.			
	JB	5 3 1 9 4 5 5	6/7/94	Hoarty et al.			
	JC	5 4 7 7 2 6 3	12/19/95	O'Callaghan et al.			
	JD	5 0 1 4 1 2 5	5/7/91	Pocock et al.			
	JE	5 1 3 2 9 9 2	7/21/92	Yurt et al.			
	JF	4 5 1 7 5 9 8	5/14/85	Van Valkenburg et al.			
	JG	4 5 8 7 5 2 0	5/6/86	Astle			
	JH	5 5 1 5 0 9 8	5/7/96	Carles			
	JI	5 4 1 2 4 1 6	5/2/95	Nemirowsky			
	JJ	5 4 0 0 4 0 1	3/21/95	Wasilewski et al.			
	JK	5 2 8 5 2 7 2	2/8/94	Bradley et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Q	JL	4 5 0 8 4 1	10/9/91	EP				
	JM	2 4 5 1 6 7	3/31/89	JP				
	JN	3 9 9 2 0 0	11/28/90	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Chris Gorch</i>	DATE CONSIDERED 2/6/02
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②	KA	5 4 4 6 9 1 9	8/29/95	Wilkins			
	KB	5 4 4 2 6 2 6	8/15/95	Wei			
	KC	5 4 8 1 5 4 2	1/2/96	Logston et al.			
	KD	4 5 2 8 6 4 3	7/9/85	Freeny Jr.			
	KE	5 6 4 4 3 5 4	7/1/97	Thompson et al.			
	KF	5 2 3 7 6 1 0	8/17/93	Gammie et al.			
	KG	4 7 1 2 1 3 0	12/8/87	Casey			
	KH	5 2 8 2 0 2 8	1/25/94	Johnson et al.			
	KI	5 4 2 4 7 7 0	6/13/95	Schmelzer et al.			
	KJ	4 6 9 4 4 9 0	9/15/87	Harvey et al.			

FOREIGN PATENT DOCUMENTS

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							YES	NO

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EXAMINER Chris Green ✓	DATE CONSIDERED 2/6/02
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

5062

Application Number

08/958,088

Applicant(s)

John S. HENDRICKS, et al.

Filing Date

October 73, 1997

Group Art Unit

2711

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	AA	4,805,014	02/14/89	Sahara, et al.			
Q	AB	5,343,516	08/30/94	Callele, et al.			
Q	AC	5,570,126	10/29/96	Blahut, et al.			
Q	AD	5,661,516	08/26/97	Carles			
Q	AE	5,724,091	03/03/98	Freeman, et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AF	2 177 873A	01/28/87	GB				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Q	AG	Sorce, et al. , <i>Human Factors In Telecommunications</i> , September 10-14, 1990.

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Chris Bent

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Sheet 1 of 4

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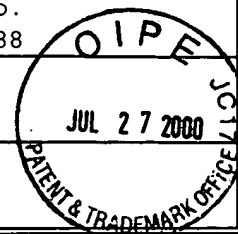
Atty. Docket No.
5062

Serial No.
08/958,088

Applicant
John S. Hendricks, et al.

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INFORMATION DISCLOSURE STATEMENT
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
Q	AA	5,689,663	11/18/97	Williams			
	AB	4,885,803	12/05/89	Hermann et al.			
	AC	4,695,880	09/22/87	Johnson et al.			
	AD	4,829,372	05/09/89	McCalley et al.			
	AE	5,235,419	08/10/93	Krause			
	AF	4,197,590	04/08/80	Sukonick et al.			
	AG	3,978,470	08/31/76	McGuire			
	AH	4,528,589	07/09/85	Block et al.			
	AI	4,920,432	04/24/90	Eggers et al.			
	AJ	5,221,962	06/22/93	Backus et al.			

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes No
Q	AK	42 14 184	11/12/92	DE			
	AL	0 377 334	07/11/90	EP			
	AM	0 277 014	08/03/88	EP			
	AN	0 314 572	05/03/89	EP			
	AO	92/10040	06/11/92	WO			
	AP	0 299 830	01/18/89	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	AQ	Souce et al., Human Factors In Telecommunications, September 10-14, 1990
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U.S. Department of Commerce
Patent & Trademark OfficeAtty. Docket No.
5062Serial No.
08/958,088

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INFORMATION DISCLOSURE STATEMENT
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U.S. PATENT DOCUMENTS

GROUP 2700

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
Q	BA	5,185,667	05/04/99	Zimmermann et al.	_____	_____	
	BB	5,764,276	06/09/98	Martin et al.	_____	_____	
	BC	5,903,319	05/11/99	Busko et al.	_____	_____	
	BD	5,877,801	03/02/99	Martin et al.	_____	_____	
↓	BE	5,793,414	08/11/98	SHAFER	_____	_____	
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	BG						
	BH						
	BI						
	BJ						

FOREIGN PATENT DOCUMENTS

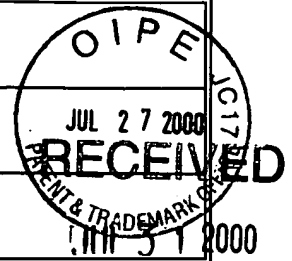
		Document	Date	Country	Class	Sub-class	Translation Yes No
Q	BK	0 350 643	11/08/89	EP	_____	_____	
	BL	88/01463	02/25/88	WO	_____	_____	
	BM	0 396 186	10/07/90	EP	_____	_____	
↓	BN	80/00209	02/07/80	WO	_____	_____	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes No
CG	CH	0 158 767	10/23/85	EP	—	—	
	CI	89/12370	09/09/85	WO	—	—	
	CJ	94/14282	06/23/94	WO	—	—	
	CK	96/25006	08/15/96	WO	—	—	
	CL	97/13368	04/10/97	WO	—	—	
	CM	96/08109	03/14/96	WO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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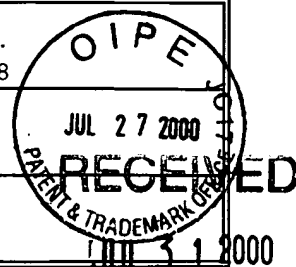
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Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes No
	DH	94/16527	07/21/94	WO	—	—	
	DI	0 620 689	10/19/94	EP	—	—	
	DJ	07-230466	08/29/95	JP	—	—	Abstract
	DK	0 539 106	04/28/93	EP	—	—	
	DL	0 472 070	02/26/92		—	—	
	DM						

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

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Application Number

08/958,088

Applicant(s)

John S. Hendricks et al.

Filing Date

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U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	AA	4,381,522	04/26/83	Lambert		Group 2700	
	AB	5,500,794	03/19/96	Fujita et al.			
	AC	5,253,341	10/12/93	Rozmanith et al.			
	AD	5,073,930	12/17/91	Green et al.			
	AE	5,075,771	12/24/91	Hashimoto			
	AF	5,696,906	12/09/97	Peters et al.			
	AG	5,103,314	04/07/92	Keenan			
	AH	5,404,505	04/04/95	Levinson			
Q	AI	5,390,348	02/14/95	Magin et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Q	AJ	JP 62-140134	06/23/87	Japan				✓
	AK	EP 281 293	09/07/88	European Patent Office				
	AL	EP 513,553	11/19/92	European Patent Office				
	AM	EP 570 785	11/24/93	European Patent Office				
Q	AN	EP 328 440	08/08/89	European Patent Office				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	BA	5,293,633	03/08/94	Robbins			
	BB	5,038,402	08/06/91	Robbins			
	BC	5,663,757	09/02/97	Morales et al.			
	BD	4,398,216,	08/09/83	Field et al.			
	BE	4,633,462	12/30/86	Stifle et al.			
	BF	5,365,265	11/15/94	Shibata et al.			
	BG	5,396,546	03/07/95	Remillard			
	BH	5,461,667	10/24/95	Remillard			
	BI	5,561,708	10/01/96	Remillard			
	BJ	5,561,709	10/01/96	Remillard			
	BK	5,349,638	09/20/94	Pitroda et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
①	CA	5,440,632	08/08/95	Bacon et al.			
	CB	5,056,138	10/08/91	Tyson, Sr.			
	CC	4,621,282	11/04/86	Ahern			
	CD	5,293,633	03/08/94	Robbins			
	CE	5,038,402	08/06/91	Robbins			
	CF	5,663,757	09/02/97	Morales et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
②	CG	JP 01-20454	01/30/89	Japan			✓	

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